

Scope of Work

Front Security Gate Water Closet Project

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 Introduction:

C.1.1 The contractor shall provide all supervision, labor, material, equipment, tools, supplies, documentation, shipping, transportation, services, and any other miscellaneous items necessary to perform the bellow described work at the International Broadcasting Bureau's (IBB) transmitting station site located 13 Kilometers from Al Moutlaa on Abdaly road Kuwait. The work shall be performed by the contractor as described in the following Sections.

C.1.2 Work summary:

This project consists of installing new 4 Inch PVC line to septic tank to stop flow back of the waste water to the bathroom. Installing a new Shower stall, Toilet, Bidet and wash Basin, and to replace the wall and floor tiles.

C.2 Description of work:

C.2.1 Install under-floor plumbing in existing front gate bathroom as shown on Att.J.1. Remove floor Ceramic tiles and clean floor to bare concrete in the entire room. Establish Work point (WP) as shown on sheet 2 of Att.J.1. Establish critical dimensions A through B and mark plumbing stub-up locations as shown on sheet 2 Att.J.1. Carefully mark reference points outside of the area of the floor to be removed for all plumbing stub-up locations.

Saw-cut and remove concrete floor slab as required for new plumbing installation. Excavate as required.

Establish elevation and make opening in reinforced concrete grade beam for 4 Inch sewer line.

Cut and assemble but not glue under-floor plumbing. Then request inspection and approval by COR.

Complete the installation by disassembly and re-assembly and glue together the under-floor plumbing.

Clean and "flow test" the complete installation.

Back fill the opening using coarse sand granular material. Replace concrete floor slab to match existing. Replace concrete floor slab to match existing.

C.2.2 Install exterior sewer line, septic tank, drain field and related work as shown in Att.J.1.

Excavate for exterior sewer line and septic tank. If other utilities such as waterline are encountered excavate to go below such utility.

Install exterior sewer line and septic tank to proper grade. If other utilities such as waterlines are encountered, install vertical drop and clean-out to go below such utility.

Once septic tank location is established, construct drain field to meet plumbing codes and Att.J.1.

Back fill all the way to septic tank.

C.2.3 Remove all wall tiles prior to start working on water piping. All hot and cold water pipes must be built into the wall and covered with cement board.

After removing wall tiles, install plumbing fixtures (toilets, bidet, shower, and wash basin) as shown in Att.J.1.

Install flush valve type toilets (water closets and bidet) on the existing floor toilet flanges in a new partition as per the drawing. Use bolts and wax ring to secure the toilet and bidet in place. Caulk around toilet base using non-hardening sealant.

Assemble as required and install shower stall. Fit drain properly to existing plumbing stub-up.

Water heater must be removed and re-installed after all wall tiles work finish on the wall.

C.2.4. Install wall tiles and floor tiles after all plumbing work finish. Grout in between tile, and clean.